

Ordering Information

Family	Distribution	Lamp Type	No. of Lamps	Housing	Module Length	Wiring	Voltage	Ballast	Finish
BSL	8	H	01	EN					
	8 = Wall Mount	H = T5 HO	01 = 1 Light	EN = Solid	04 = 4' 08 = 8' 12 = 12'	1 = 1cct. 3 = 1cct. w/EC/NL 5 = 1cct. w/EM Battery 7 = 1cct. w/Dimming 8 = 1cct. w/1cct. Thru wire Note: Please consult wiring section of spec sheets for more wiring options.	D = Dual 120V & 277V 1 = 120V 2 = 277V Note: Option 'D' is standard. Voltage options 1 and 2 are only available with EM Battery and Dimming wiring options.	E = Standard <10% THD F = Standard <10% THD w/fusing	C = Custom Color W = Standard White

Specifications

Features

1. Housing: die-formed 20ga. cold rolled steel
2. End Set: die-cast metal with baked powder coat finish
3. Lamping: one T5 HO lamp
4. Configuration: 4', 8' and 12' module lengths or continuous rows
5. Ballasts: electronic 120V or 277V

Finish

High-quality white powder coat with textured matte finish. Custom colors available. Consult factory.

Mounting

Flexible mounting locations.

Electrical

All luminaires are factory pre-wired to module ends with quick-wire connectors.

Joints & Intersections

Self-aligning joining system with hands-free pre-joining wire access.

Labels

UL, CSA standards.

Ordering Instructions

Individual Fixtures

1. Determine the number of individual modules required
2. Order one end set per module
3. Order one non-power mount per module
4. Order one power mount per module

Continuous Rows*

1. Determine run length
2. Order the appropriate number and length of modules for complete run
3. Order one end set for each run
4. Order one non-power mount for each module
5. Order one power mount per run
6. Order one joiner per module minus one (e.g. 3 modules requires 2 joiners)

***Note:** Some runs may require additional power mounts. Please see the 'Run Configuration' table on the next page for more details.

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:

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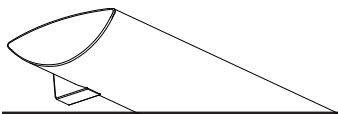
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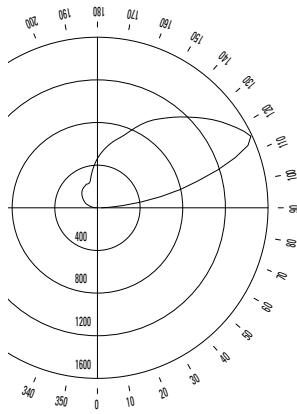
Lighting Systems **Baselyte-BSL31**

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1 Light T5 HO Wall Mount Indirect

Performance

Candlepower Curve



Report No: 2101686

Lamps: F54T5

Lumens per Lamp: 4650

Efficiency: 58.3%

Up: 100.0% Down: 0.0%

Candlepower Summary

ZONE DEG.	CANDLEPOWER				
	0	45	90	135	180
180	464	464	464	464	464
175	531	511	461	414	390
165	658	596	447	311	261
155	825	665	419	235	245
145	1019	781	378	222	229
135	1203	878	328	201	207
125	1409	977	268	172	172
115	1588	1048	199	133	133
105	977	1012	116	90	85
95	237	244	31	33	36
90	39	18	2	6	7
85	0	0	0	0	0
75	0	0	0	0	0
65	0	0	0	0	0
55	0	0	0	0	0
45	0	0	0	0	0
35	0	0	0	0	0
25	0	0	0	0	0
15	0	0	0	0	0
5	0	0	0	0	0
0	0	0	0	0	0

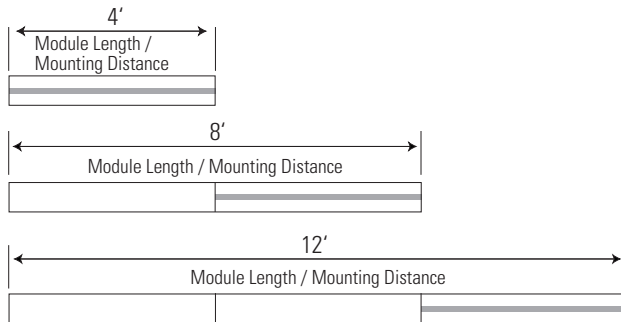
Coefficients of Utilization

	% EFFECTIVE CEILING CAVITY REFLECTANCE								
	80			70			50		
	50	30	10	50	30	10	50	30	10
0	55	55	55	47	47	47	32	32	32
1	48	46	44	41	39	38	28	27	26
2	42	38	36	35	33	31	24	23	21
3	36	32	29	31	28	25	21	19	18
4	32	28	25	27	24	21	19	17	15
5	28	24	21	24	21	18	16	14	13
6	25	21	18	21	18	15	15	12	11
7	22	18	15	19	16	13	13	11	9
8	20	16	13	17	14	11	12	10	8
9	18	14	11	16	12	10	11	8	7
10	16	13	10	14	11	9	10	7	6

Zonal Lumen Summary

ZONE	LUMENS	%BARE LAMP	%LUMINAIRE
0-90	0	0	0
90-180	2709	58.3	100.0
0-180	2709	58.3	100.0

Module Lengths & Mounting Distances



Note: Shaded area indicates locations of emergency sections (emergency wiring controls all lamps or optional battery pack controls one or two lamps).

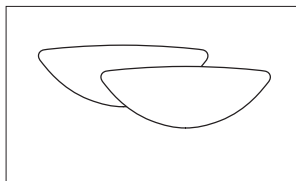
Run Configuration

Run Length	4' Module	8' Module	12' Module	Joiner	End Set	Mount	Power Mount*
4' run	1				1	1	1
8' run		1			1	1	1
12' run			1		1	1	1
16' run		2		1	1	2	1
20' run		1	1	1	1	2	1
24' run			2	1	1	2	1
28' run		2	1	2	1	3	1
32' run		1	2	2	1	3	1

***Note:** Additional power mounts may be required for some runs with T5 HO lamping options, longer runs, and runs with wiring options that are more complex. Please consult factory for assistance.

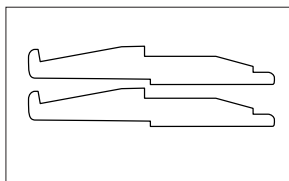
System Components & Accessories

End Set



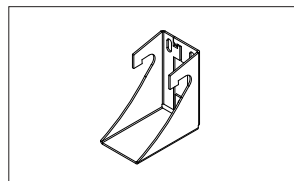
BSLEWW = wall mount standard white

Joiner



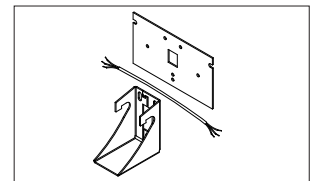
BSLJW = wall mount joiner

Non-Power Wall Mount



BSLWN = non-power wall mount

Power Wall Mount



BSLWP1 = 1-power mount
BSLWP2 = 2-power mount

Job Information

Type:

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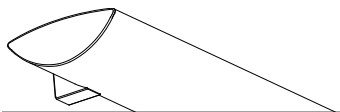
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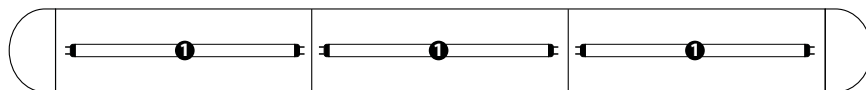
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Wiring Options: 1 Circuit

1 Circuit

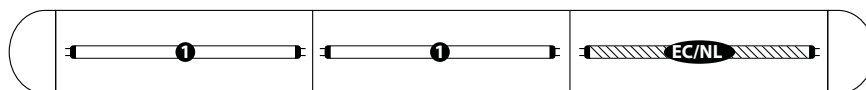
- ☐ **Type 1:** 1cct.
- ☐ **Type 8:** 1cct. w/1cct. thru wire
- ☐ **Type H:** 1cct. w/2cct. thru wire
- ☐ **Type 7:** 1cct. w/dimming



All lamps wired on one circuit.

1 Circuit with Emergency Circuit/Night Light (EC/NL)

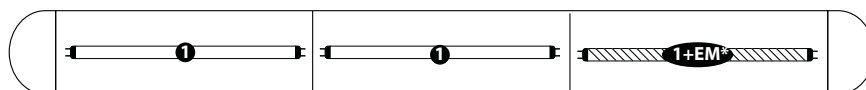
- ☐ **Type 3:** 1cct. w/EC/NL



One 4' section in a one circuit fixture to be wired on a separate thru circuit. Leads for both normal circuit and EC/NL circuit wired to fixture ends. All lamps in EC/NL section to be wired together.

1 Circuit with Emergency Battery Pack (EM)

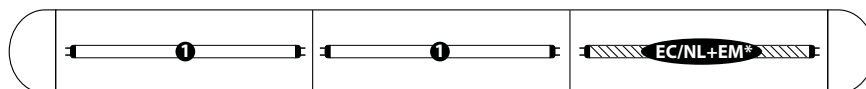
- ☐ **Type 5:** Chloride standard
CTP700
- ☐ **Type M:** Bodine standard
LP550
- ☐ **Type E:** Chloride high performance
CTP1300
- ☐ **Type P:** Bodine high performance
LP600



All lamps wired on one circuit, plus a battery pack is wired to one lamp. A hot lead is connected to the battery pack and would function as a 'trigger' wire when connected to a constant hot by installer. Leads for both normal circuit and battery pack are wired to fixture ends.

1 Circuit with Emergency Circuit/Night Light and Emergency Battery Pack

- ☐ **Type J:** Chloride standard
CTP700



One 4' section in a one circuit fixture to be wired on a separate thru circuit, in addition, a battery pack is wired to one lamp. Installer can connect 'trigger' wire to EC hot lead if controlled together or wire separately if controlled independently. Leads for normal circuit, EC/NL circuit and EM wired to fixture ends. All lamps in EC/NL section to be wired together.

Job Information

Type:

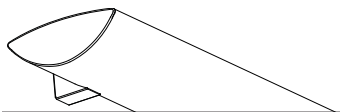
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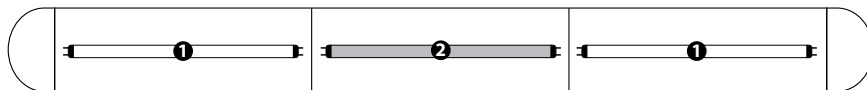
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Wiring Options: 2 Circuit A/B Switching (alternate 4' sections)

2 Circuit A/B Switching (alternate 4' sections)

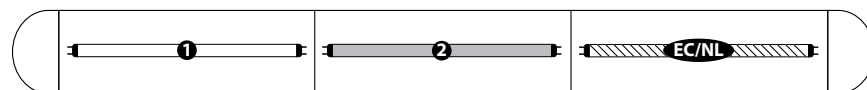
- ☐ **Type B:** 2cct.
- ☐ **Type A:** 2cct. w/1cct. thru wire
- ☐ **Type S:** 2cct. w/2cct. thru wire



Fixture wired for two circuit. Lamps wired for A/B switching in alternate 4' sections.

2 Circuit A/B Switching (alternate 4' sections) with Emergency Circuit/Night Light (EC/NL)

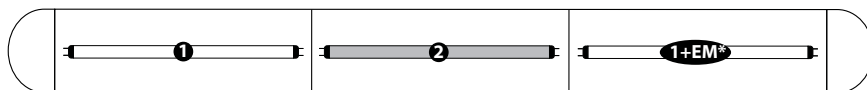
- ☐ **Type C:** 2cct. w/EC/NL



One 4' section in a two circuit fixture (A/B switching) to be wired on a separate thru circuit. Leads for both normal circuit and EC/NL circuit wired to fixture ends.

2 Circuit A/B Switching (alternate 4' sections) with Emergency Battery Pack (EM)

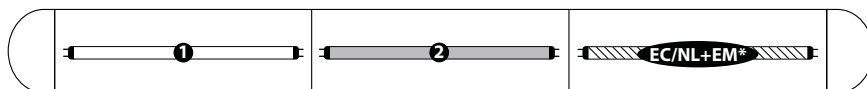
- ☐ **Type D:** Chloride standard
CTP700
- ☐ **Type O:** Bodine standard
LP550
- ☐ **Type G:** Chloride high performance
CTP1300
- ☐ **Type R:** Bodine high performance
LP600



Fixture wired for two circuits (A/B switching), plus a battery pack is wired to one lamp. A hot lead is connected to the battery pack and would act as a 'trigger' wire when connected to a constant hot by installer. Leads for both normal circuit and battery pack are wired to fixture ends.

2 Circuit A/B Switching (alternate 4' sections) with Emergency Circuit/Night Light and Emergency Battery Pack

- ☐ **Type L:** Chloride standard
CTP700



One 4' section in a two circuit fixture (A/B switching) to be wired on a separate thru circuit, in addition, a battery pack is wired to one lamp. Installer can connect 'trigger' wire to EC hot lead if controlled together or wired separately if controlled independently. Leads for normal circuit, EC/NL circuit and battery pack are wired to fixture ends. All lamps in EC/NL module to be wired together.

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